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TITLE: PRODUCTION OF BARIUM SULFATE
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ABSTRACT:

PURPOSE: To obtain BaSO₄ useful as cosmetic extender pigment having excellent masking and feeling in use, high light scattering and transparency and to provide a stable production of

barium sulfate being coarse with 4-20 μm average particle diameter and having characteristics of $\geq 50\%$ light scattering strength and $\geq 70\%$ total light transmittance.

CONSTITUTION: A barium compound and a sulfate compound are reacted under the following conditions (a)-(c) to produce barium sulfate. (a) 0.001-0.1mol/l barium compound solution and sulfate compound solution are reacted in 0.1-5 molar ratio of the barium compound and the sulfate compound. (b) Either the barium compound solution or the sulfate compound solution is added dropwise to the other in 2 seconds to 7 minutes. (c) pH of the reaction medium is adjusted to 0.5-10.

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